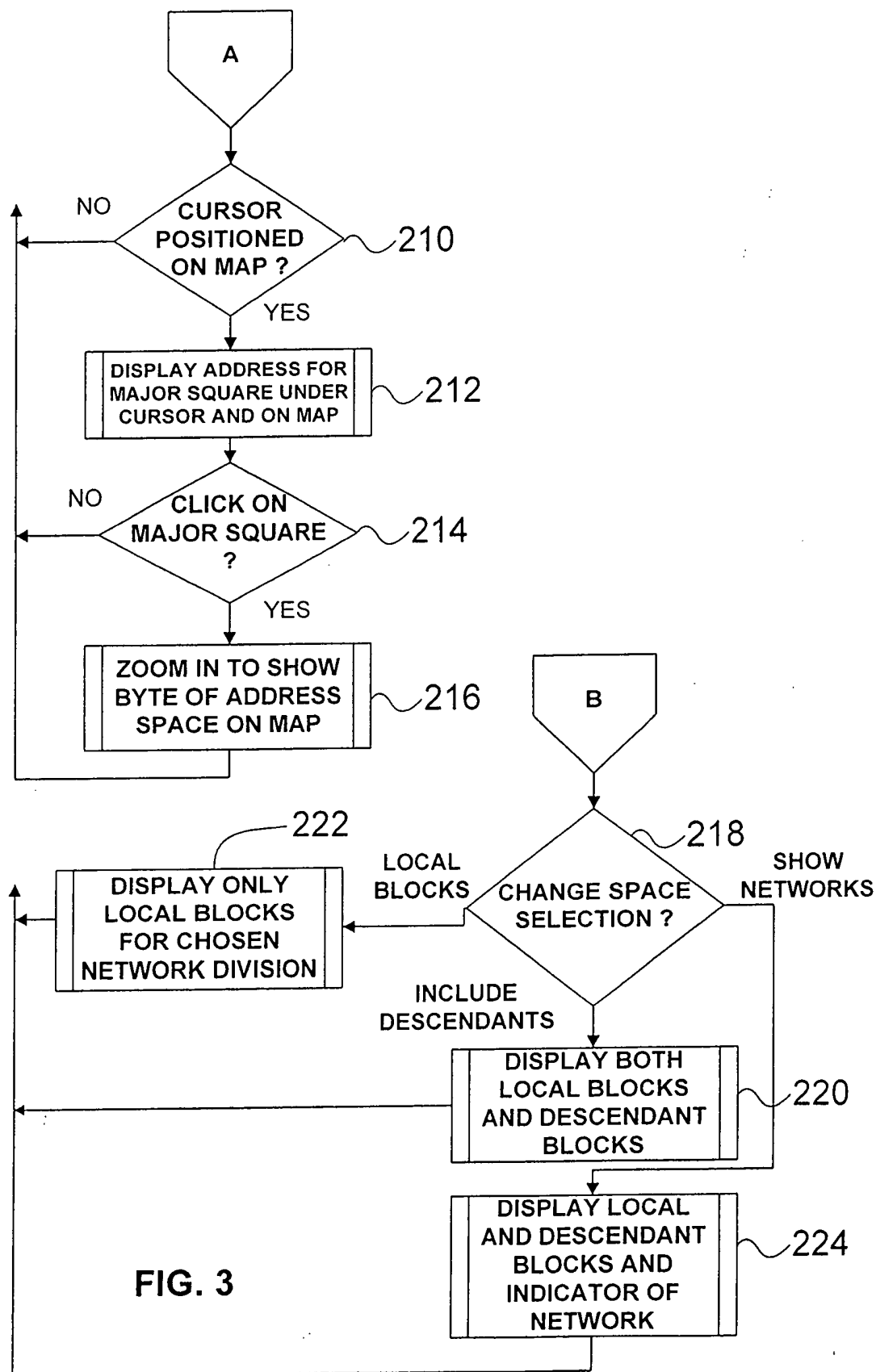


**FIG. 2**



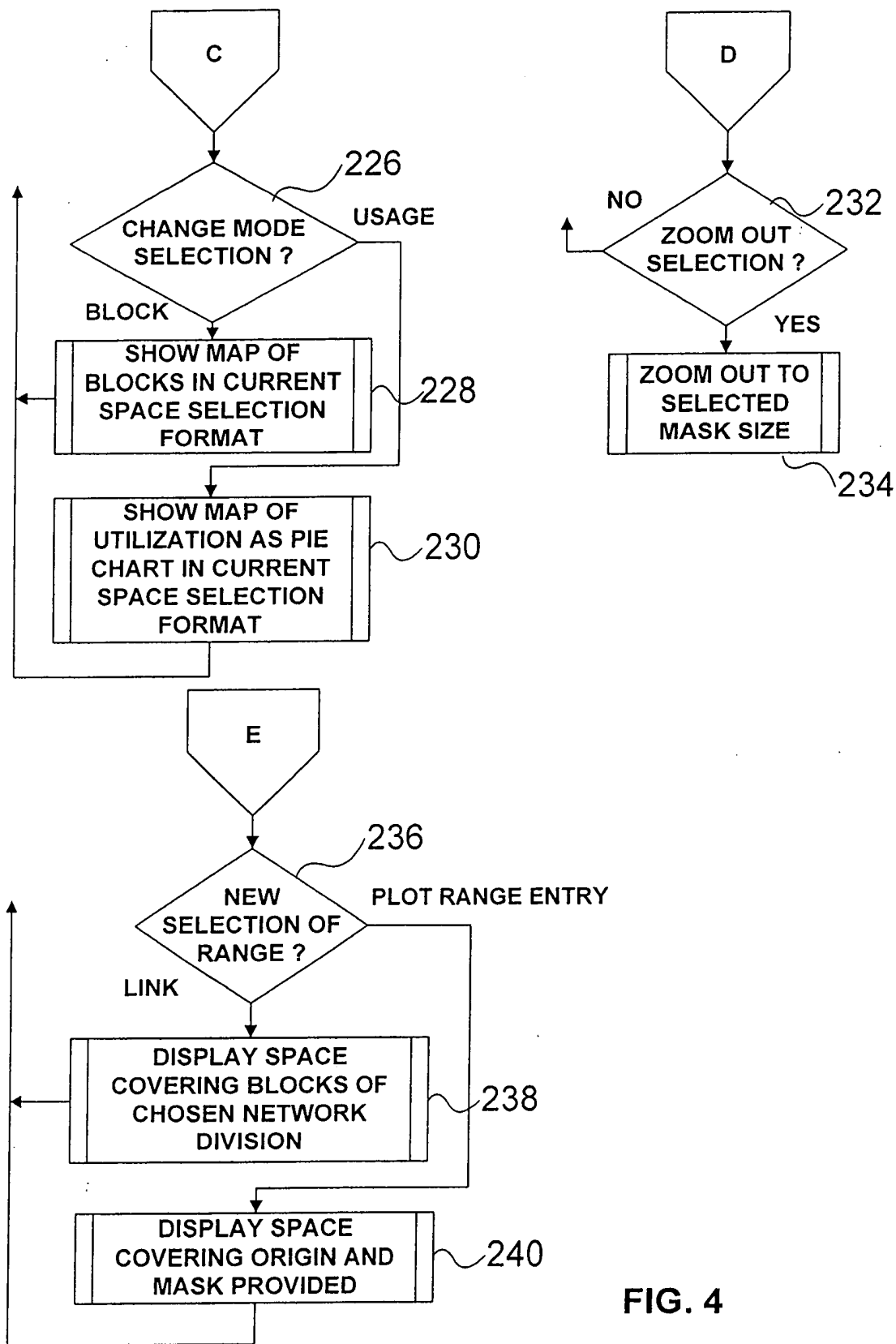


FIG. 4

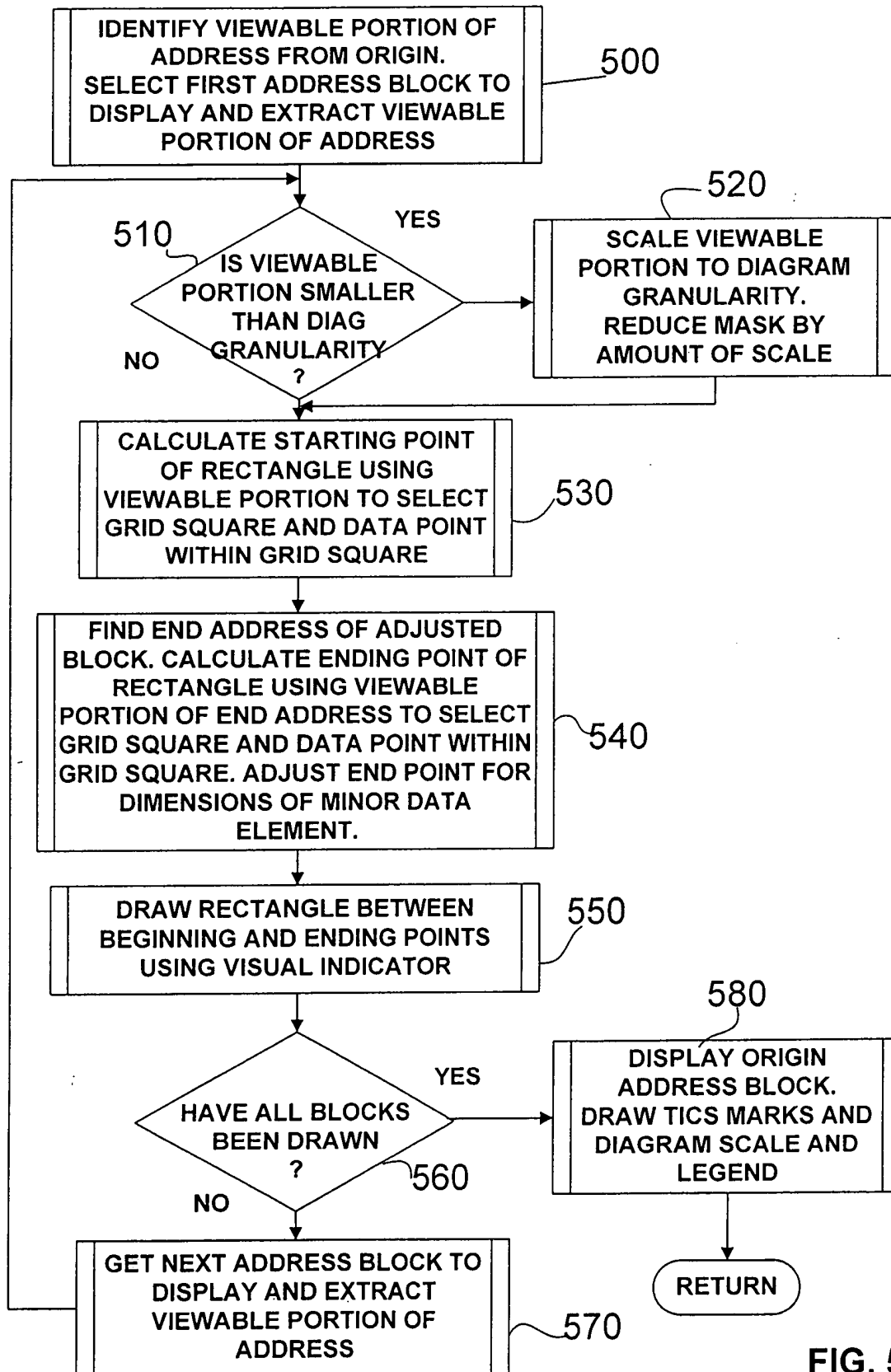


FIG. 5

604				606				602							
0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

FIG. 6

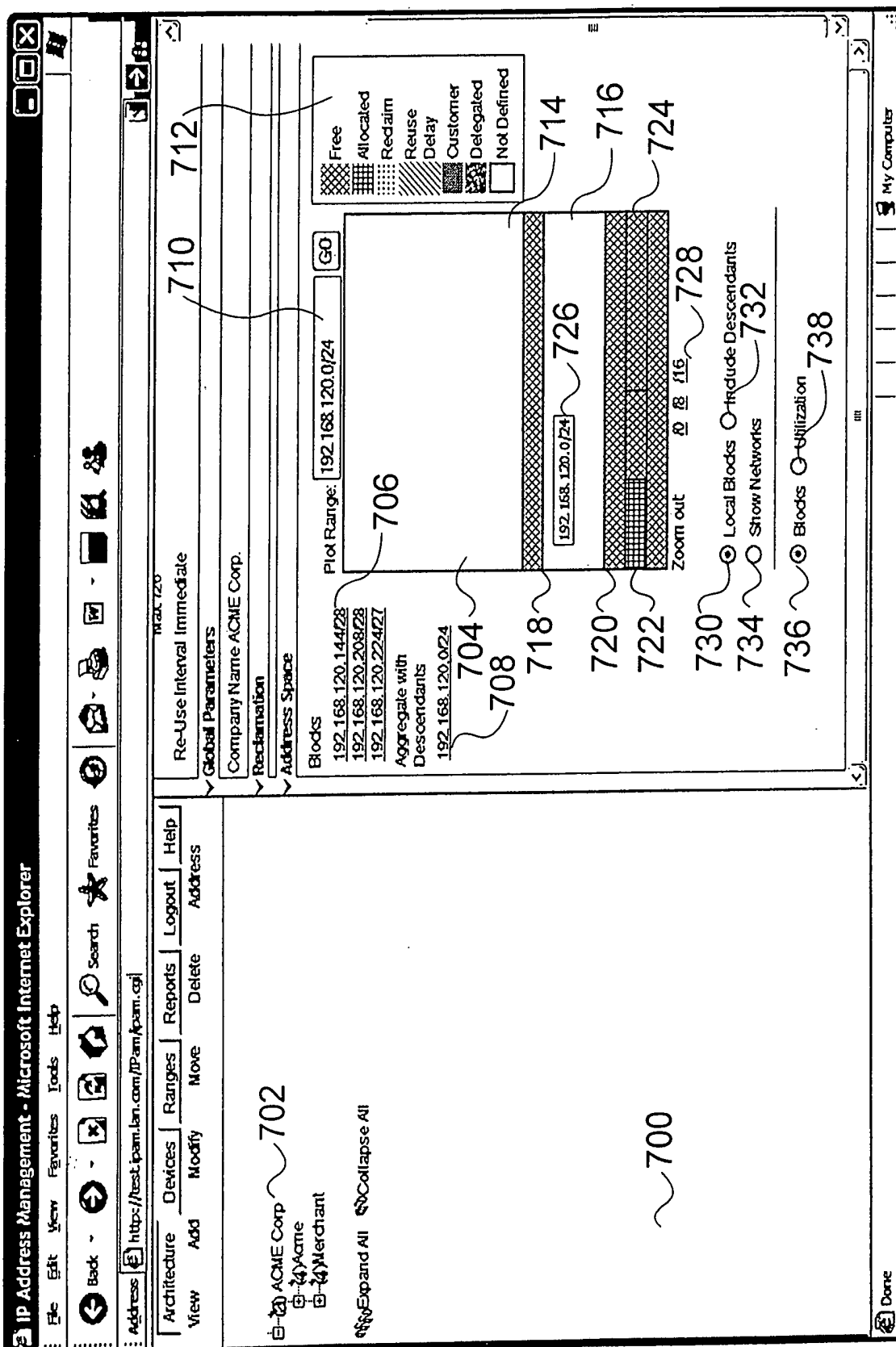


FIG. 7

**FIG. 8**



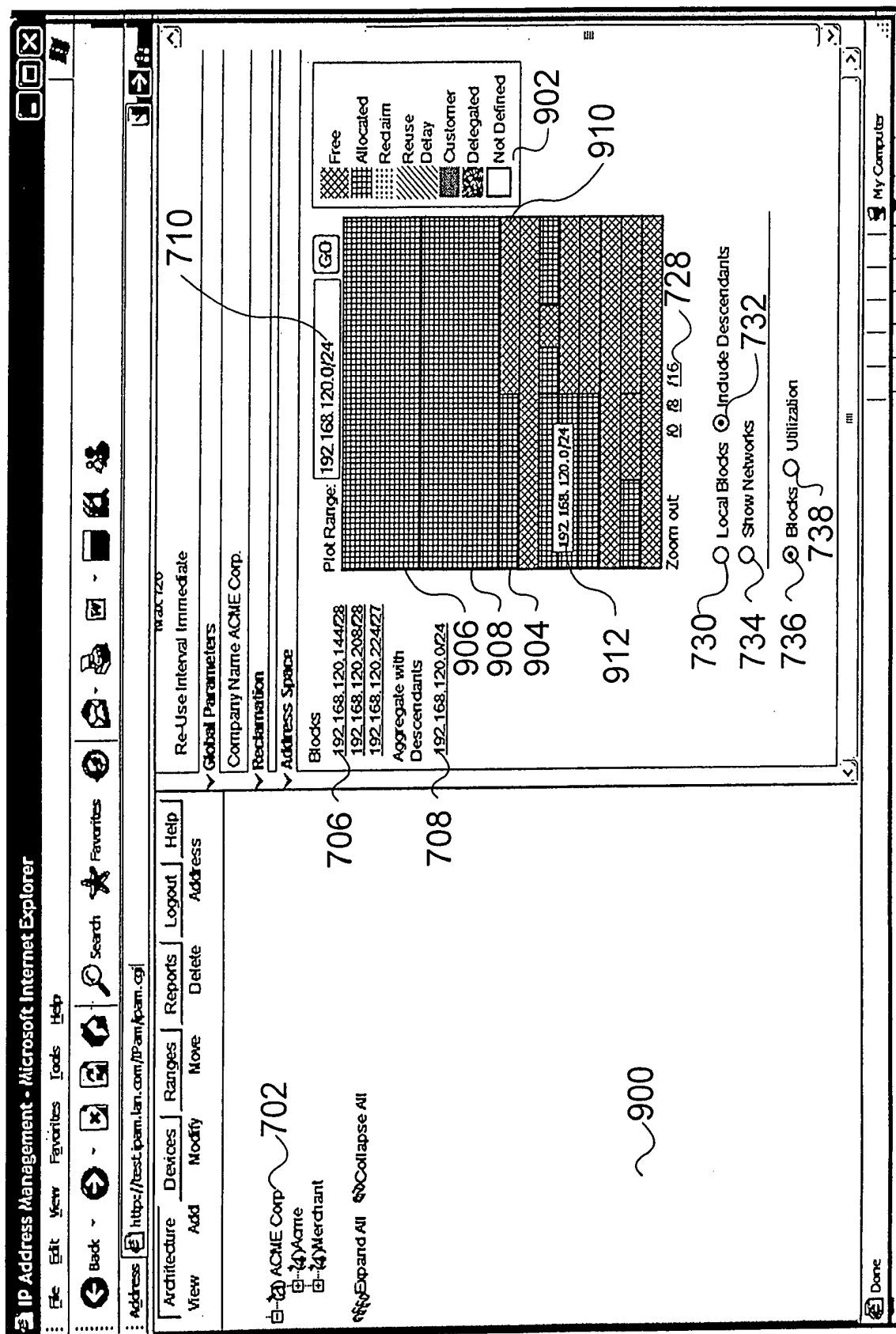


FIG. 9

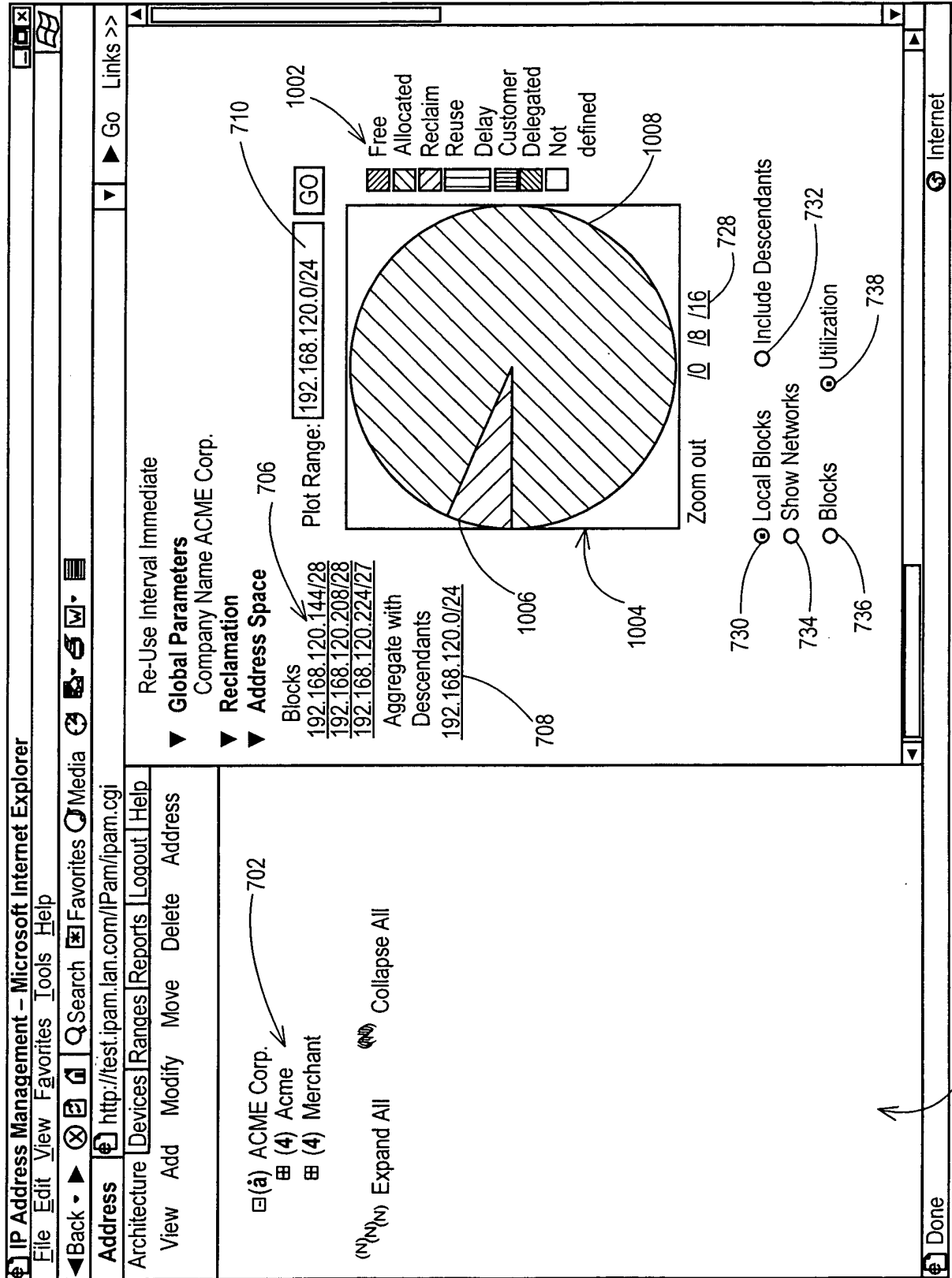


FIG. 10

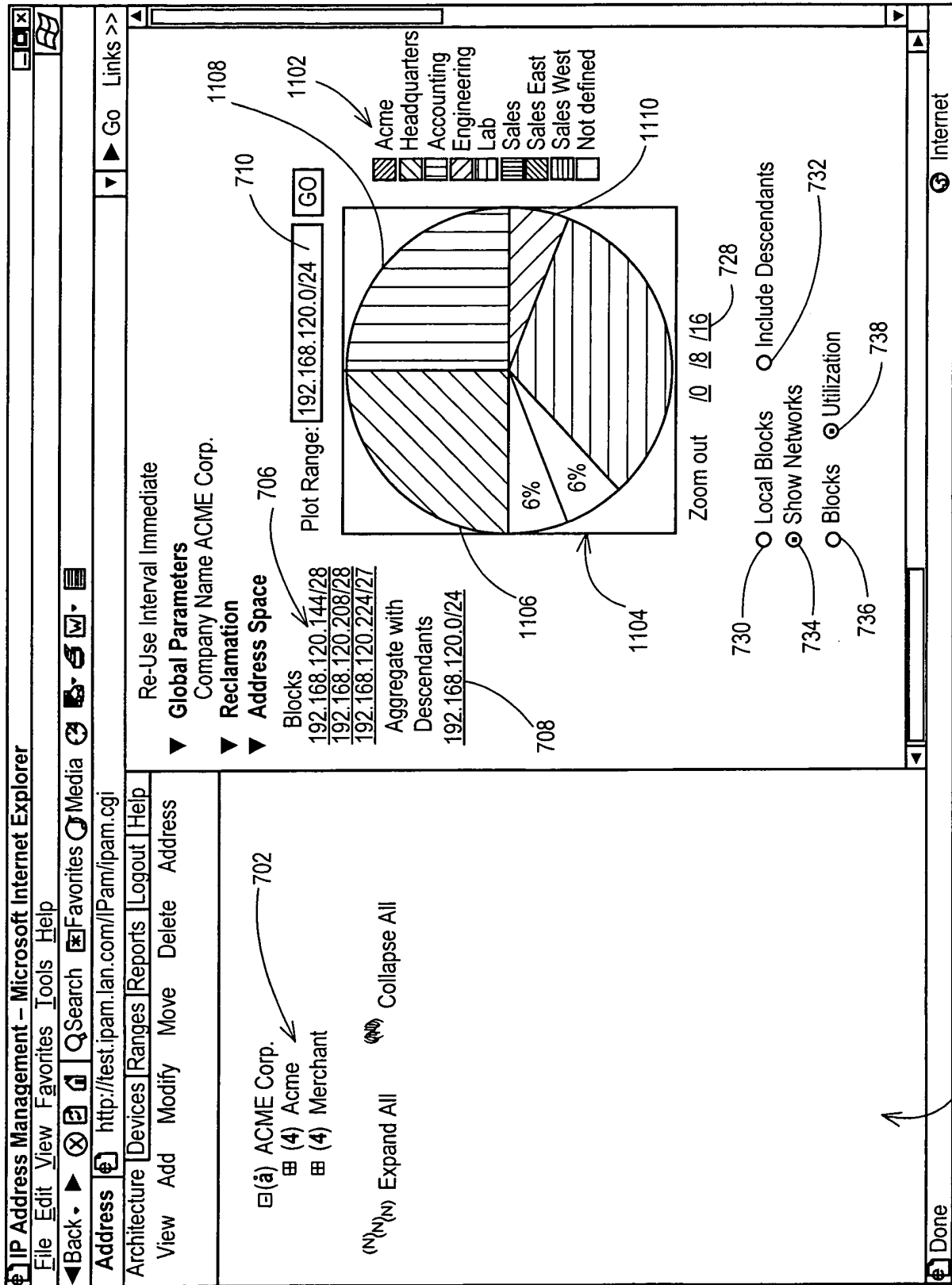


FIG. 11

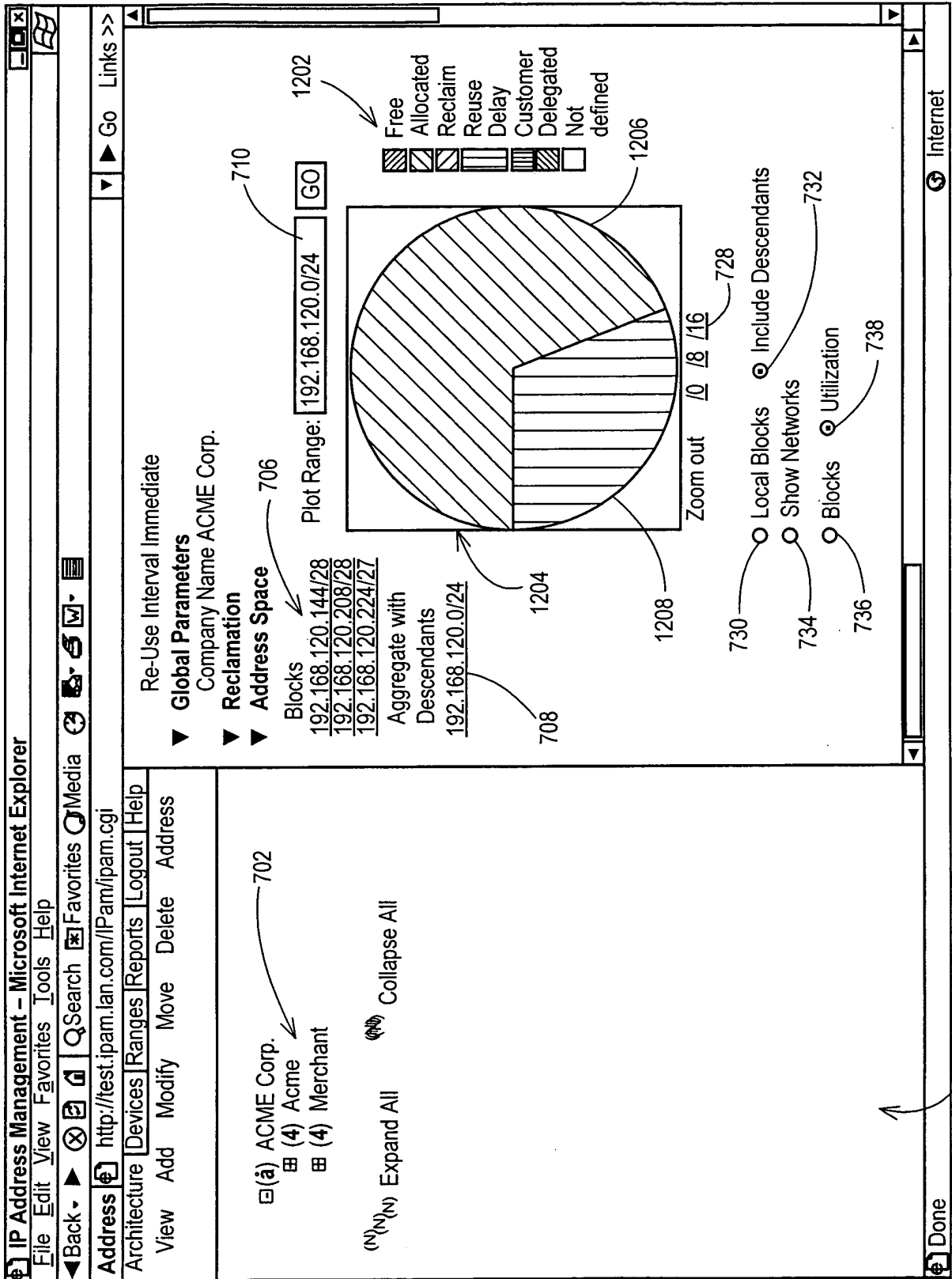


FIG. 12

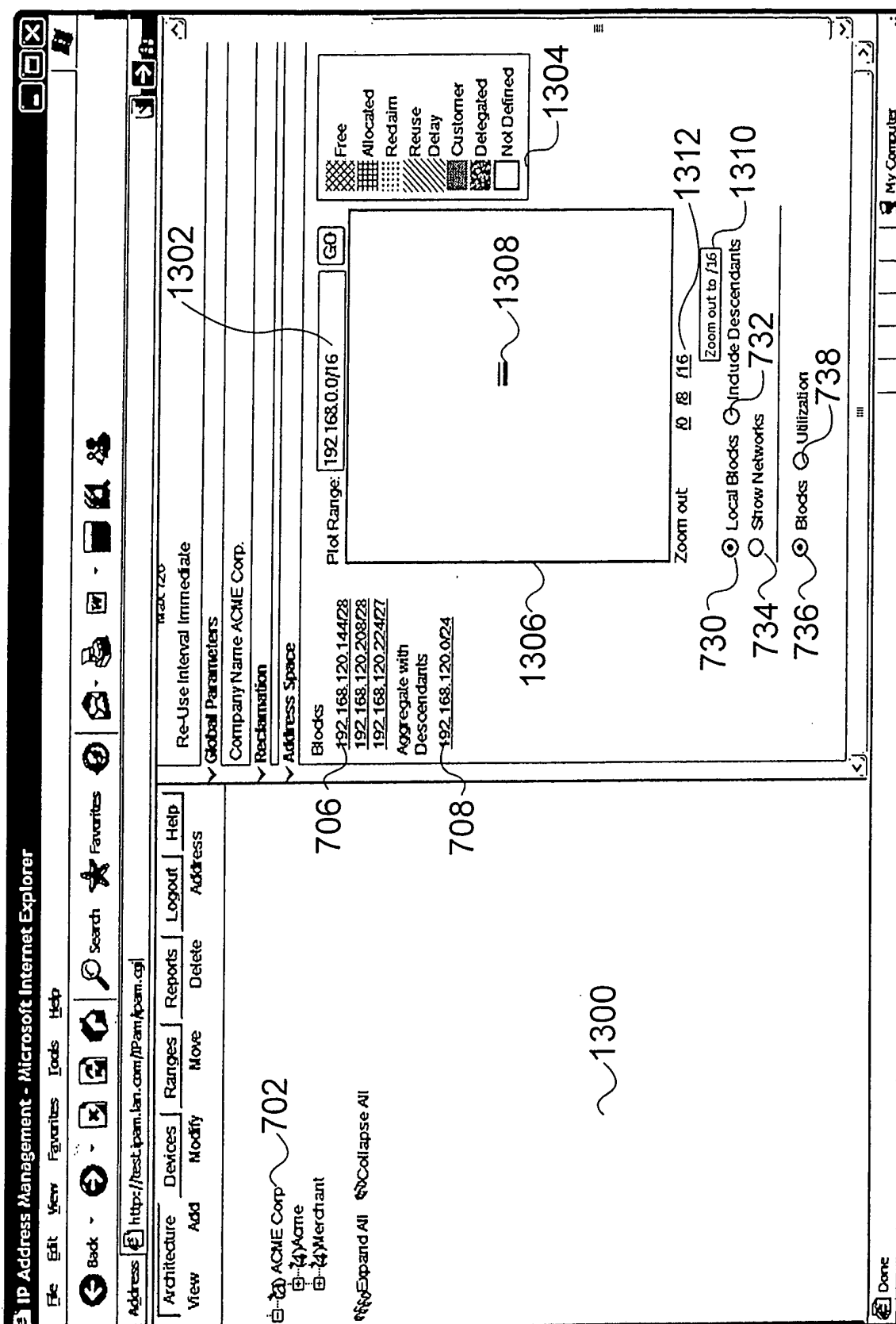


FIG. 13

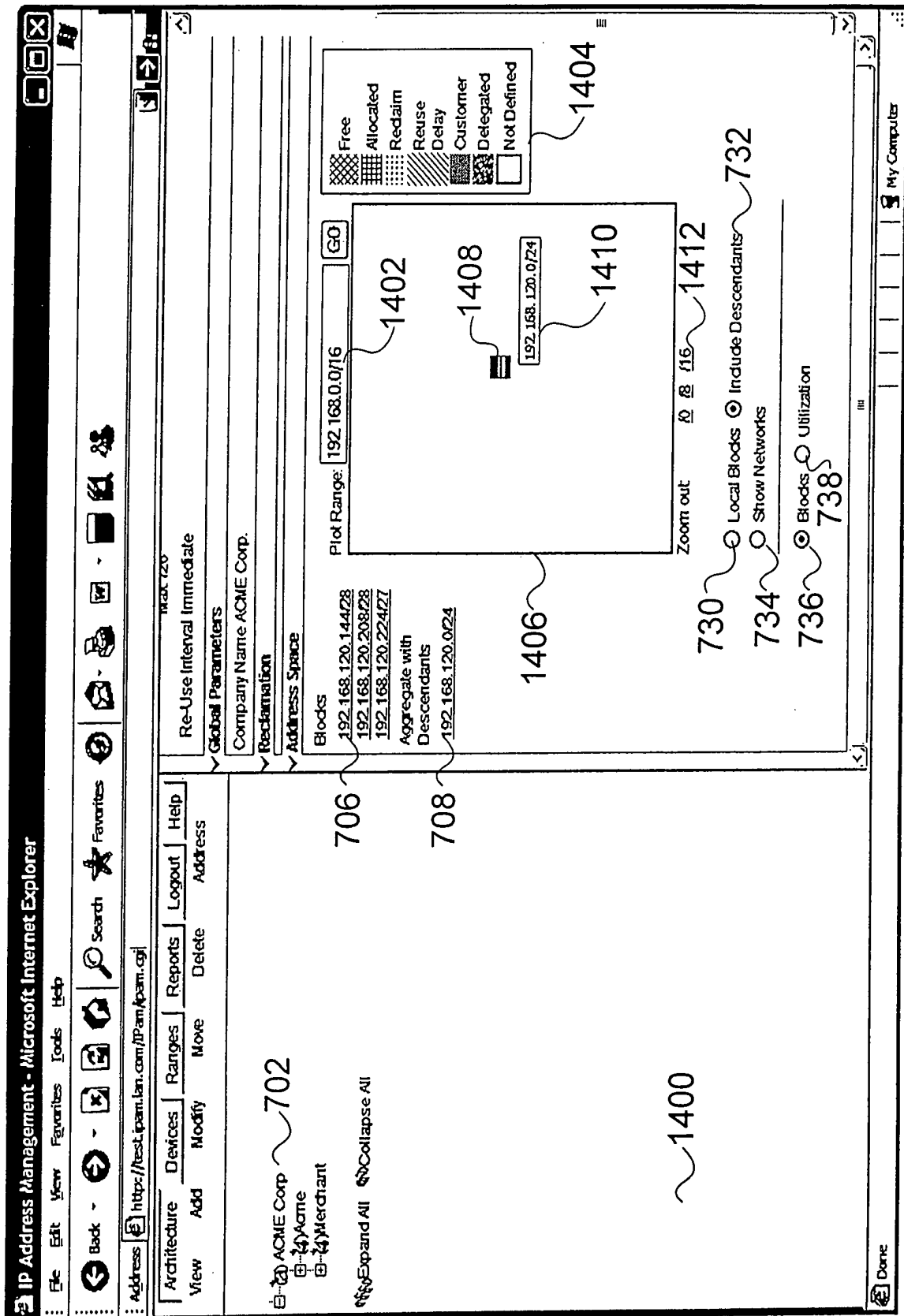


FIG. 14

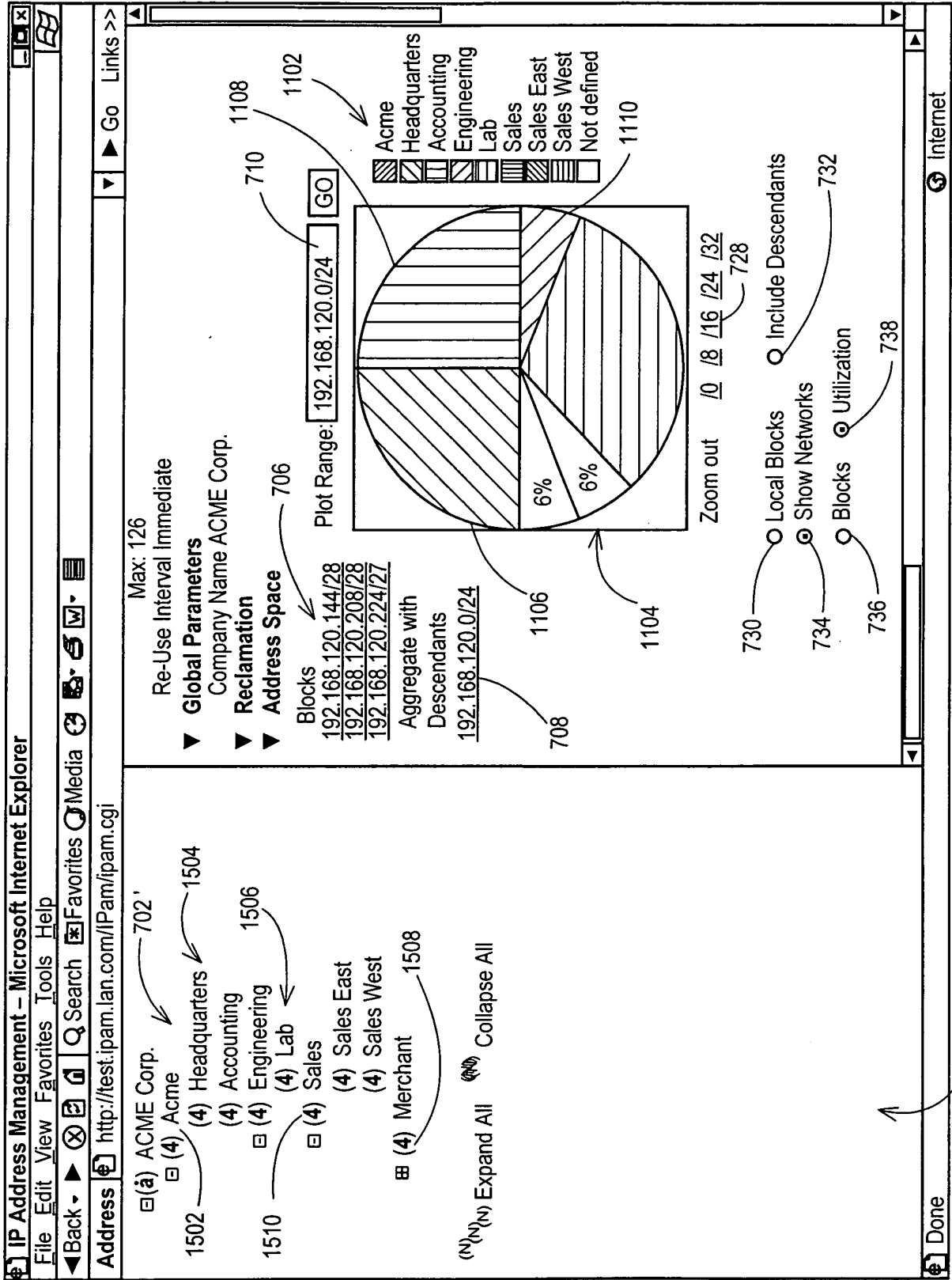


FIG. 15

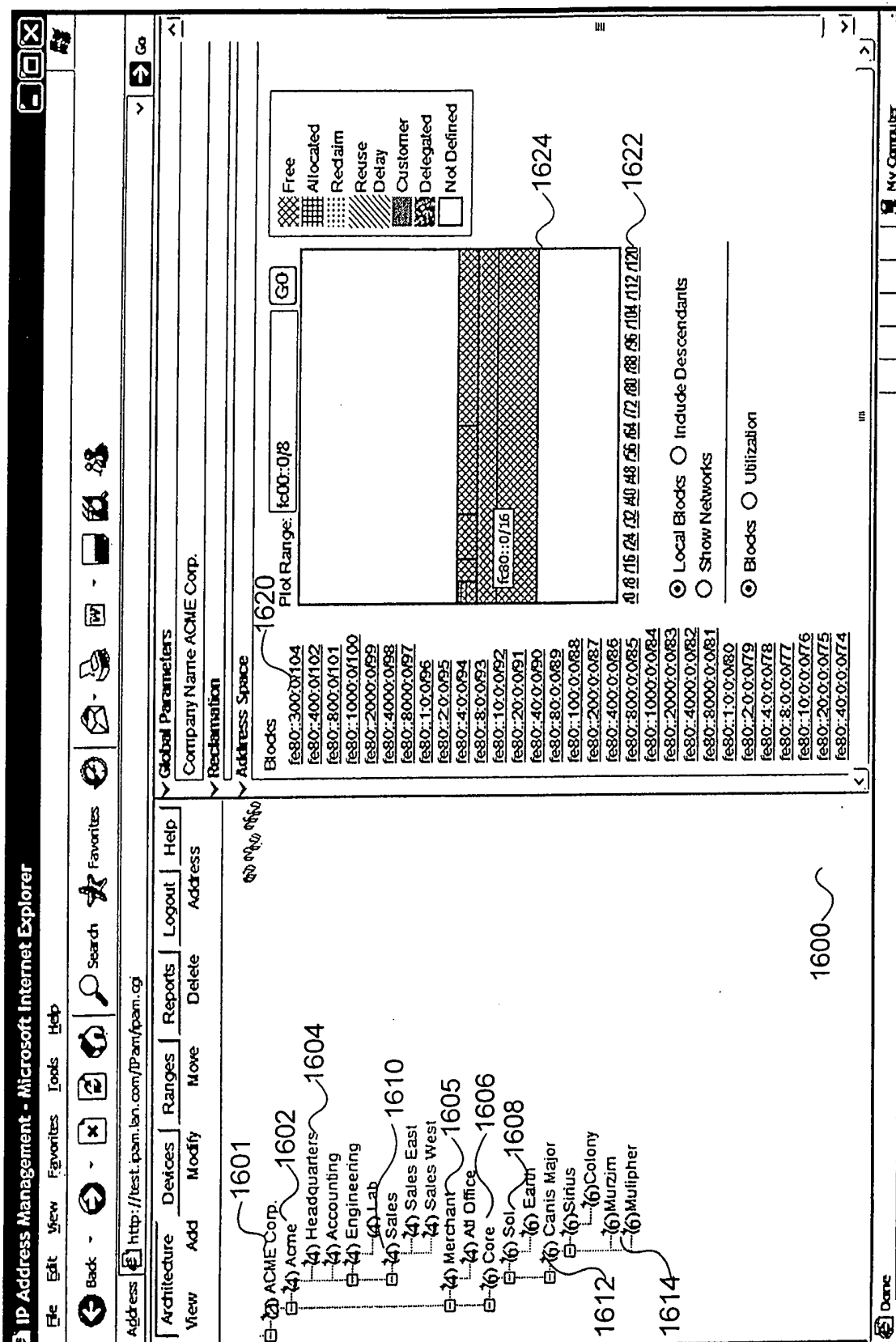
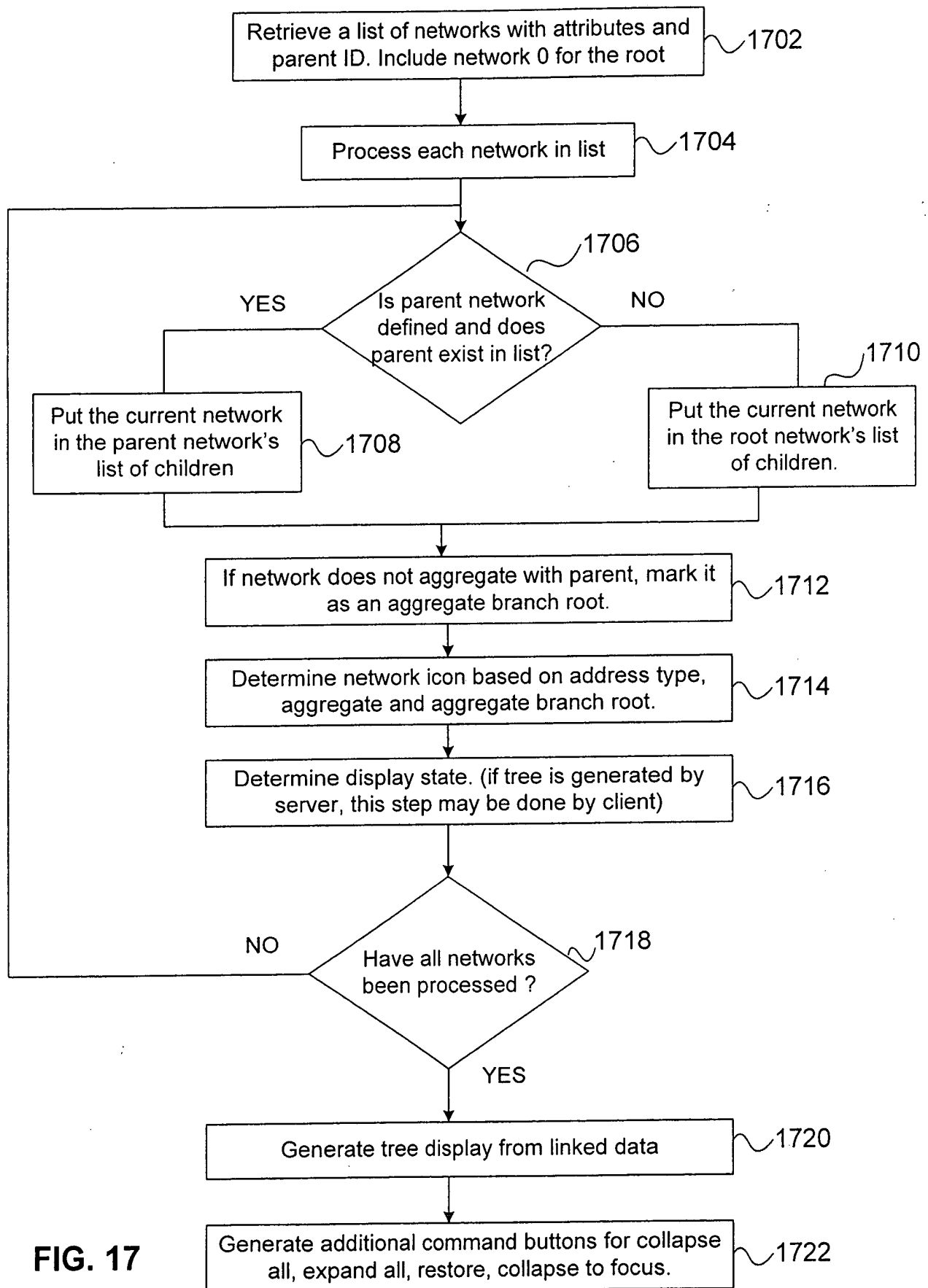


FIG. 16





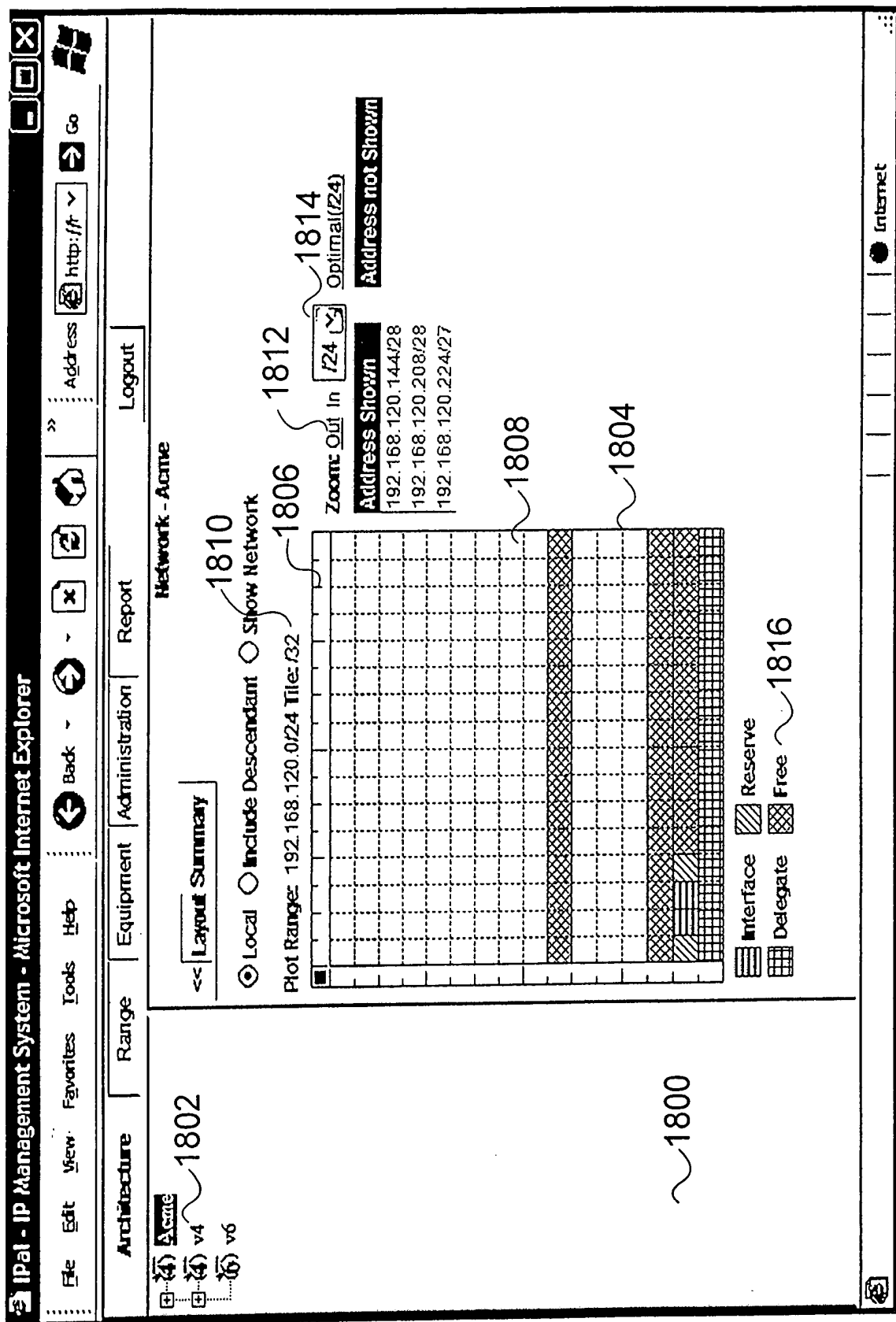


FIG. 18

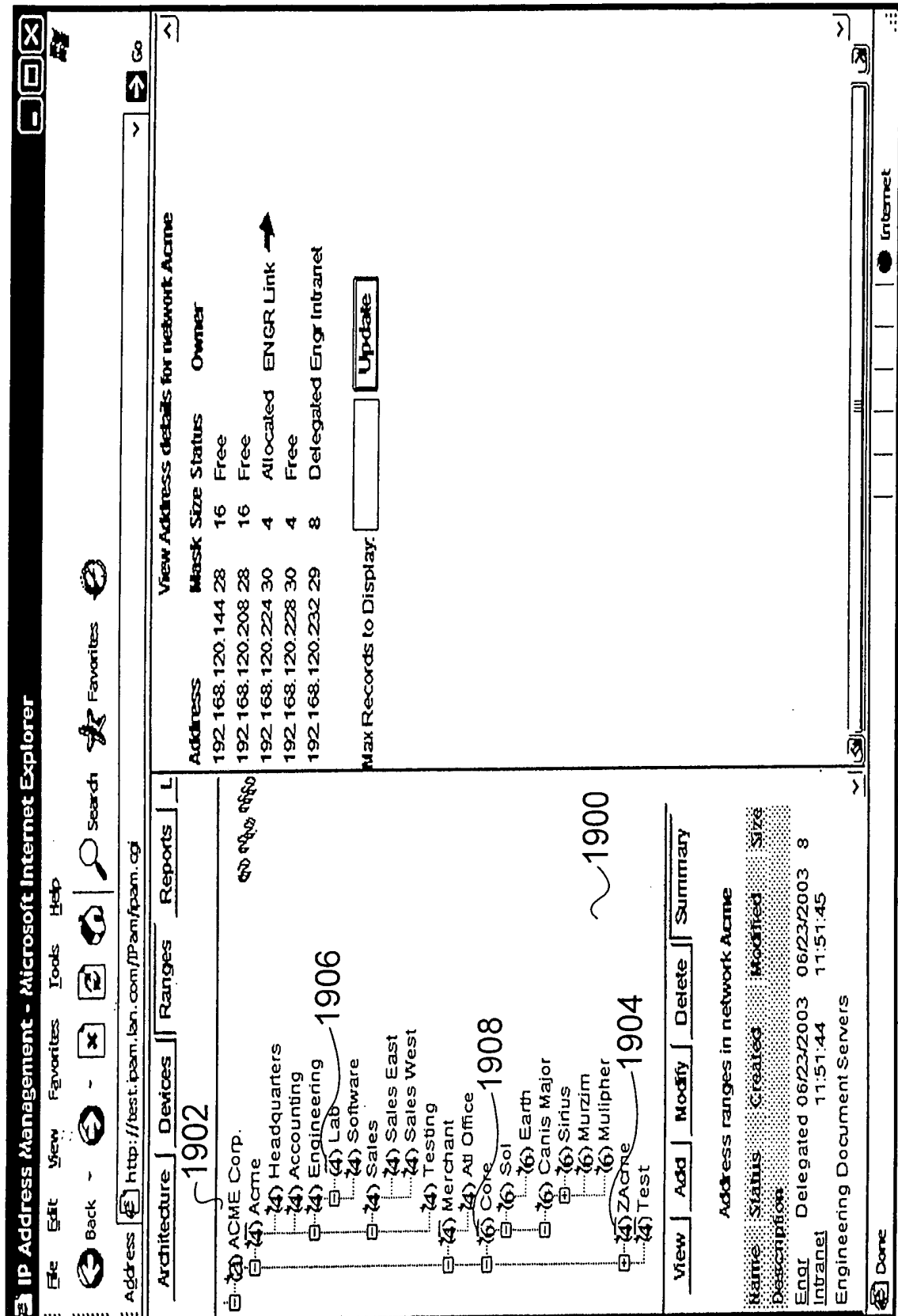


FIG. 19

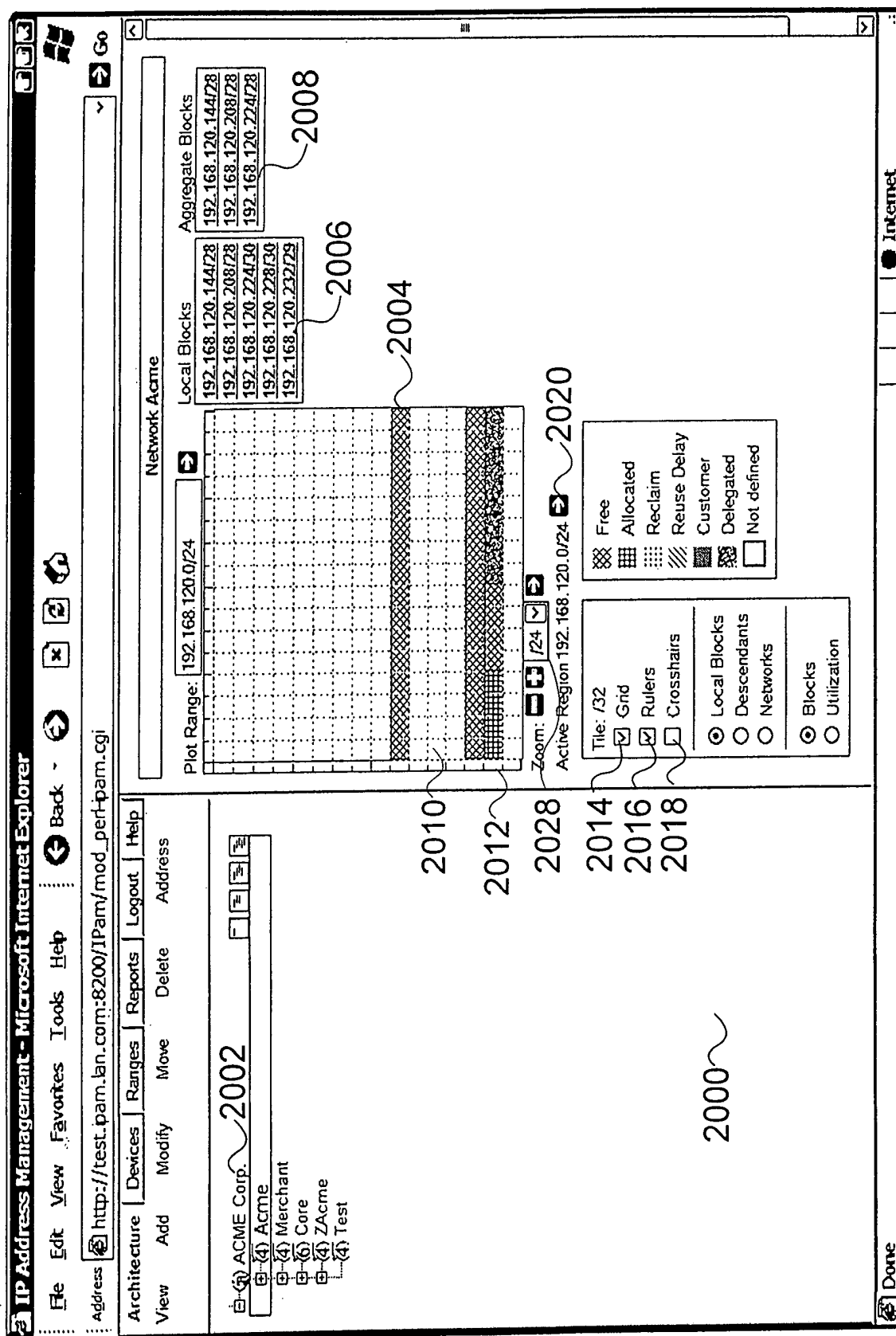


FIG. 20

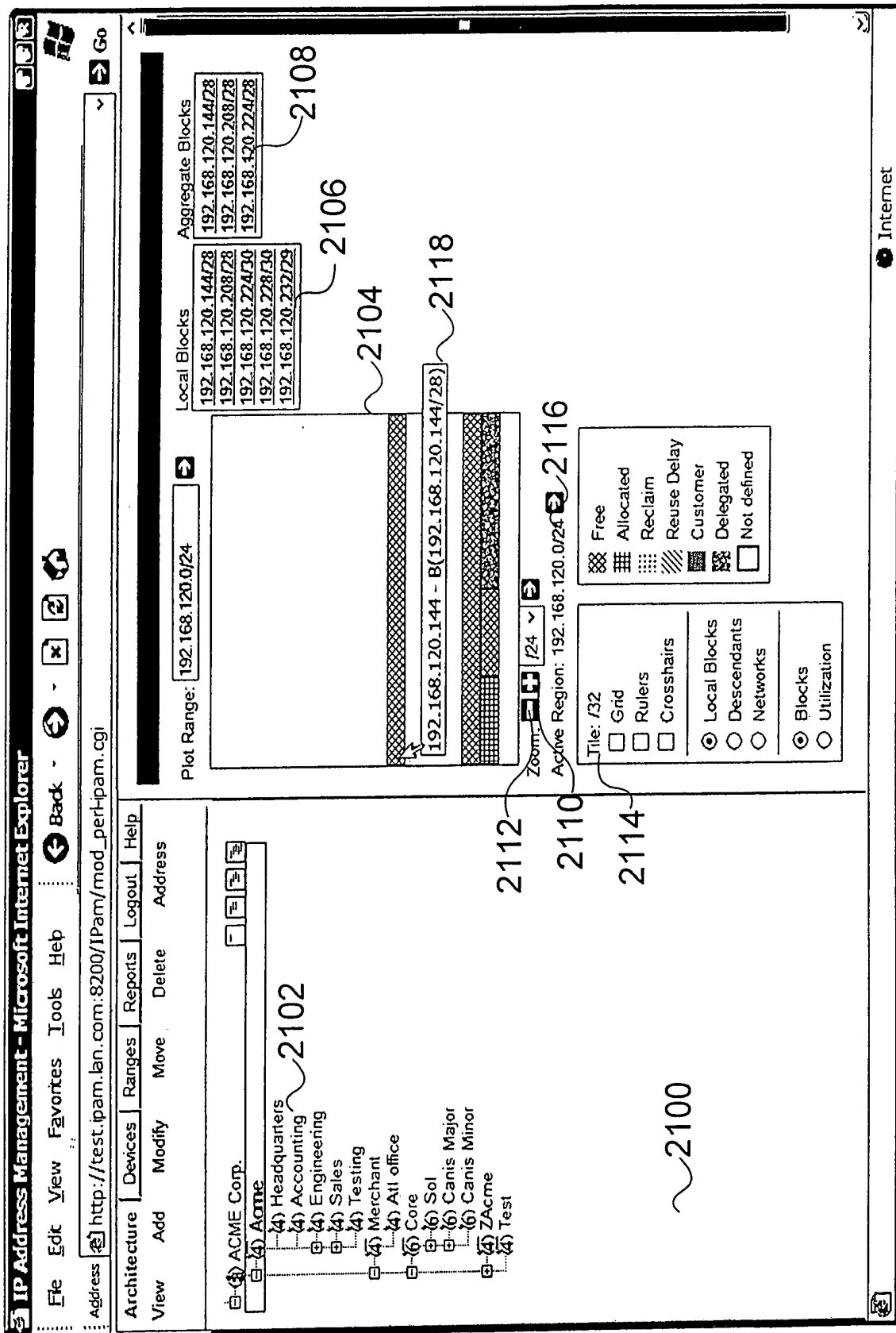


FIG. 21

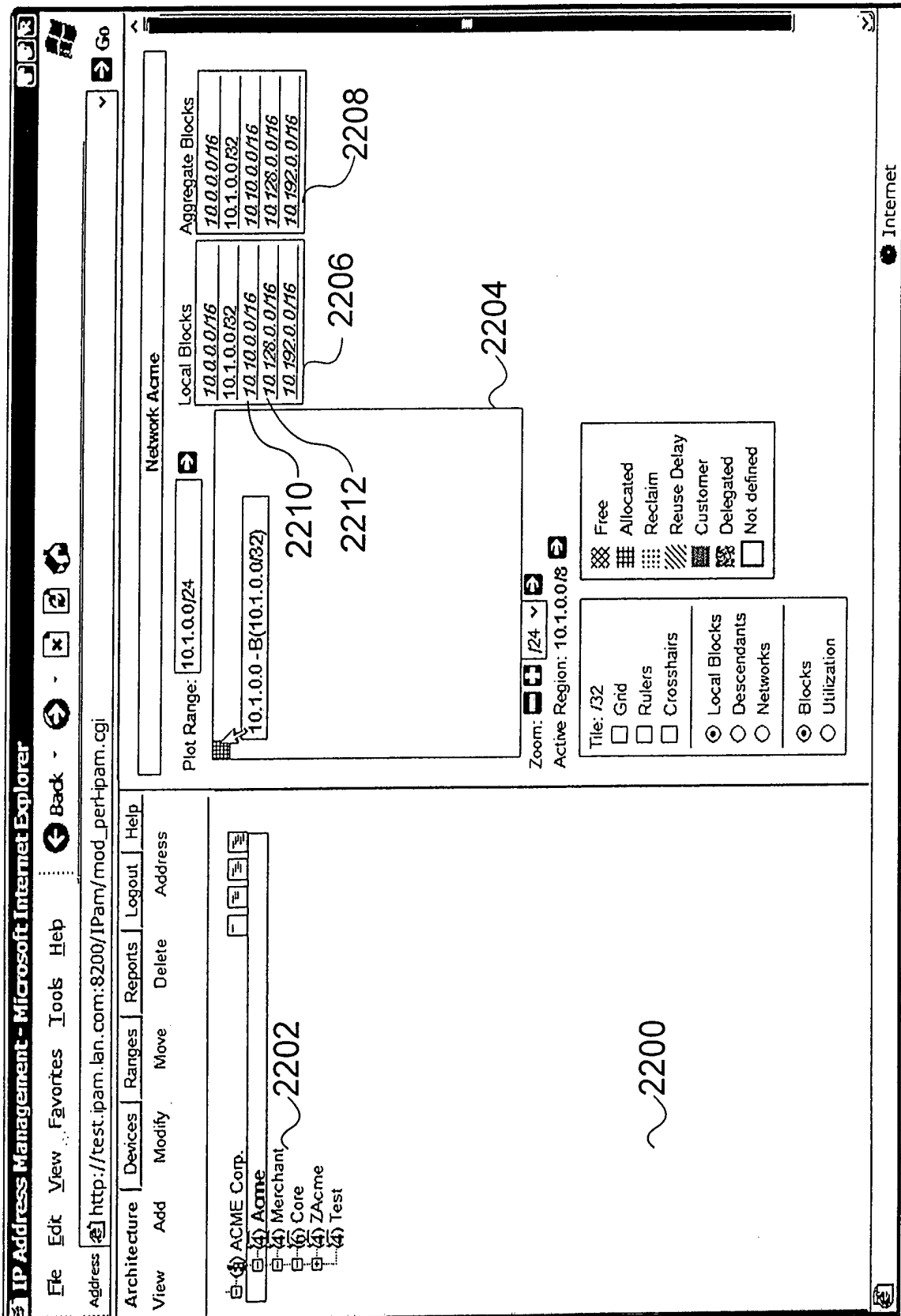


FIG. 22

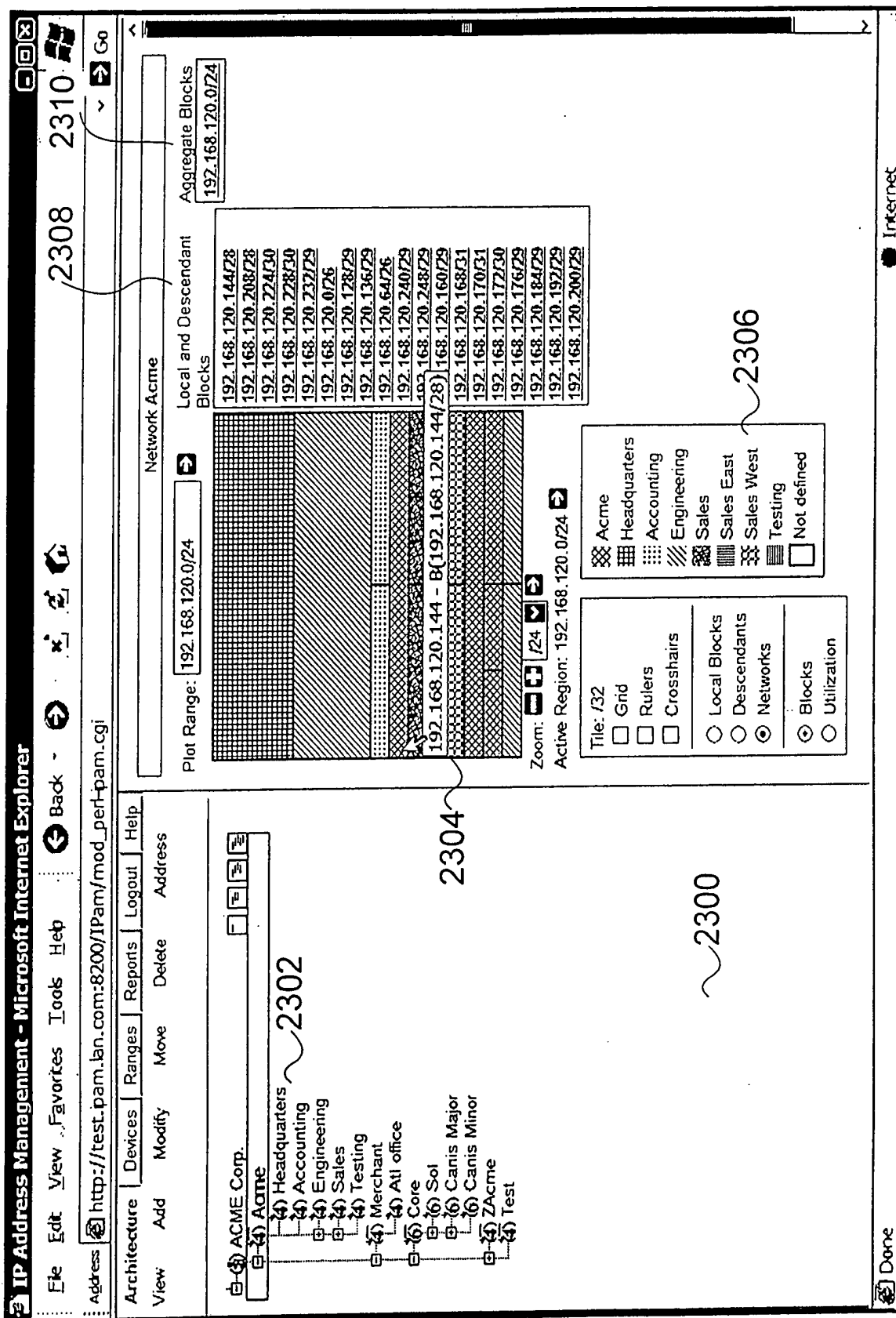


FIG. 23

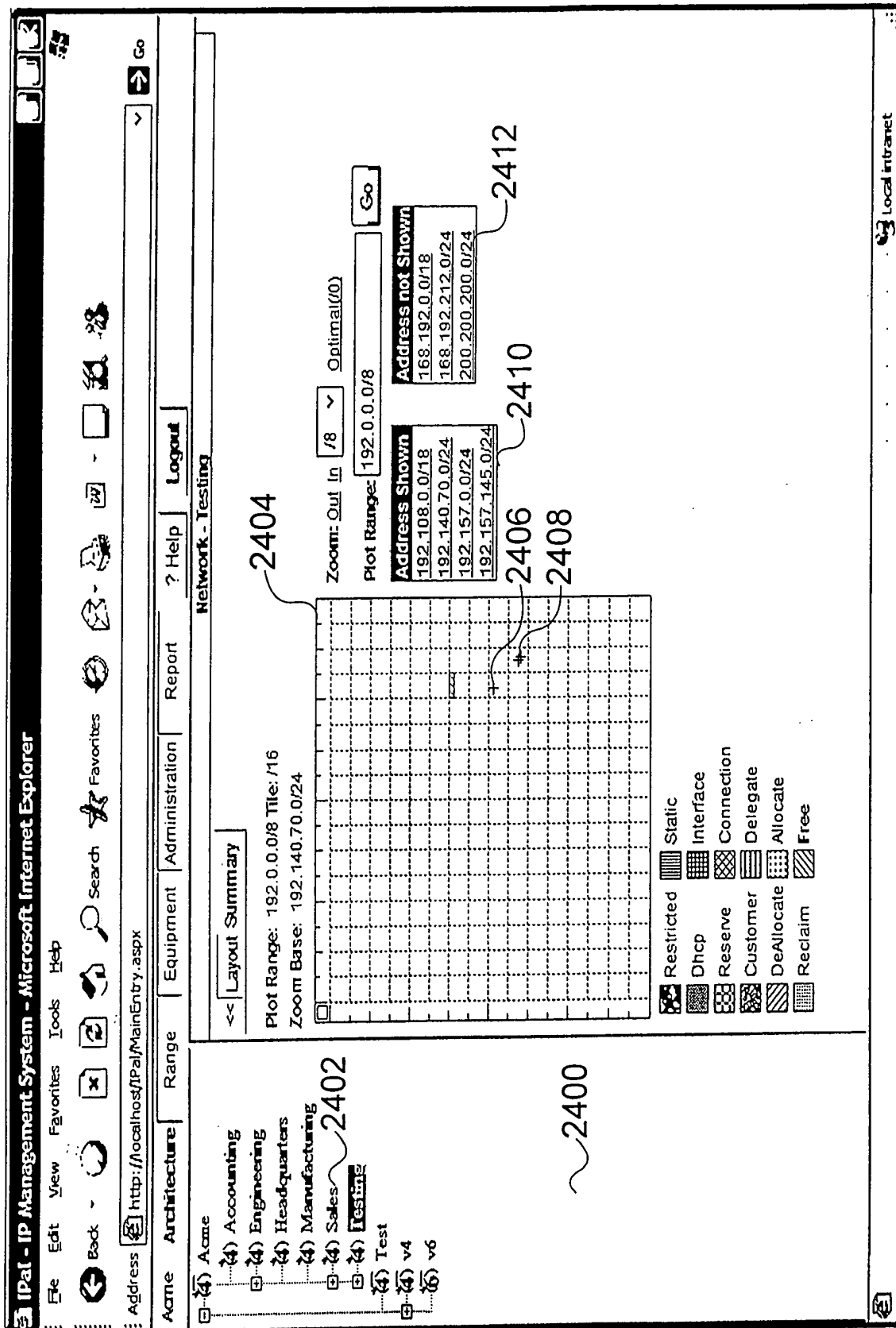


FIG. 24



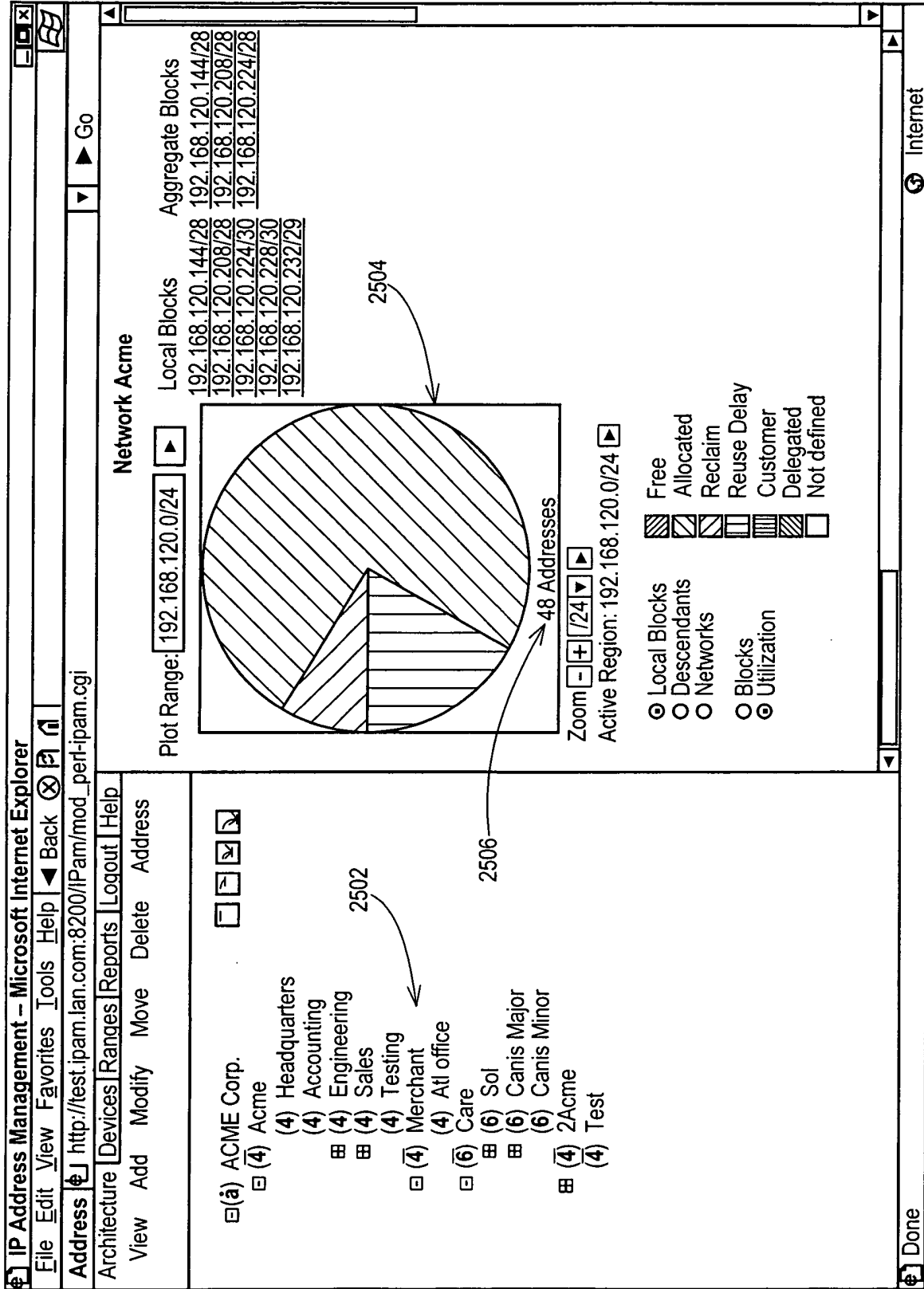


FIG. 25

Start Address	Mask	Size	Status	Location	Location	Parent	Type
192.168.120.64	26	64	Allocated	Engineering	Acme	None	IPv4
10.10.10.0	24	256	Allocated	Lab	Headquarters	Acme	IPv4
192.168.120.0	26	64	Allocated	Headquarters	Accounting	Acme	IPv4
192.168.120.144	28	16	Free	Acme	Engineering	Acme	IPv4
192.168.120.208	28	16	Free	Acme	Sales	Acme	IPv4
192.168.120.224	30	4	Allocated	Acme	Lab	Engineering	IPv4
192.168.120.228	30	4	Free	Acme	Sales East	Sales	IPv4
192.168.120.232	29	8	Free	Acme	Sales West	Sales	IPv4
192.168.120.240	28	16	Free	Acme			
192.168.120.128	29	8	Allocated	Accounting			
192.168.120.136	29	8	Free	Accounting			
192.168.120.160	29	8	Allocated	Sales			
192.168.120.168	31	2	Allocated	Sales			
192.168.120.170	31	2	Free	Sales			
192.168.120.172	30	4	Allocated	Sales			
192.168.120.176	29	8	Allocated	Sales East			
192.168.120.184	29	8	Free	Sales East			
192.168.120.192	29	8	Allocated	Sales West			
192.168.120.200	29	8	Free	Sales West			

Table 1

FIG. 26

Start Address	Mask	Size	Status	Location	Location	Parent	Type
192.168.120.64	26		64 Allocated	Engineering	Acme	None	IPv4
10.10.10.0	24		256 Allocated	Lab	Headquarters	Acme	IPv4
192.168.120.0	26		64 Allocated	Headquarters	Accounting	Acme	IPv4
192.168.120.144	28		16 Free	Acme	Engineering	Acme	IPv4
192.168.120.208	28		16 Free	Acme	Sales	Acme	IPv4
192.168.120.224	30		4 Allocated	Acme	Lab	Engineering	IPv4
192.168.120.228	30		4 Free	Acme	Sales East	Salés	IPv4
192.168.120.232	29		8 Free	Acme	Sales West	Sales	IPv4
192.168.120.240	28		16 Free	Acme	Core	None	IPv6
192.168.120.128	29		8 Allocated	Accounting	Sol	Core	IPv6
192.168.120.136	29		8 Free	Accounting	Earth	Sol	IPv6
192.168.120.160	29		8 Allocated	Sales	Canis Major	Core	IPv6
192.168.120.168	31		2 Allocated	Sales	Sirius	Canis Major	IPv6
192.168.120.170	31		2 Free	Sales	Colony	Sirius	IPv6
192.168.120.172	30		4 Allocated	Sales	Murzim	Canis Major	IPv6
192.168.120.176	29		8 Allocated	Sales East	Muliphen	Canis Major	IPv6
192.168.120.184	29		8 Free	Sales East			
192.168.120.192	29		8 Allocated	Sales West			
192.168.120.200	29		8 Free	Sales West			
fe80::0	103	33,554,432	Allocated	Earth			
fe80::200:0	104	16,777,216	Allocated	Colony			
fe80::300:0	104	16,777,216	Free	Core			
fe80::400:0	102	67,108,864	Free	Core			
fe80::800:0	101	134,217,728	Free	Core			
fe80::1000:0	100	268,435,456	Free	Core			
fe80::2000:0	99	536,870,912	Free	Core			
fe80::4000:0	98	1,073,741,824	Free	Core			
fe80::8000:0	97	2,147,483,648	Free	Core			
fe80::1:0:0	96	4,294,967,296	Free	Core			
fe80::2:0:0	95	8,589,934,592	Free	Core			
fe80::4:0:0	94	17,179,869,184	Free	Core			
fe80::8:0:0	93	34,359,738,368	Free	Core			
fe80::10:0:0	92	68,719,476,736	Free	Core			
fe80::20:0:0	91	137,438,953,472	Free	Core			
fe80::40:0:0	90	274,877,906,944	Free	Core			
fe80::80:0:0	89	549,755,813,888	Free	Core			
fe80::100:0:0	88	1,099,511,627,776	Free	Core			
fe80::200:0:0	87	2,199,023,255,552	Free	Core			
fe80::400:0:0	86	4,398,046,511,104	Free	Core			
fe80::800:0:0	85	8,796,093,022,208	Free	Core			
fe80::1000:0:0	84	17,592,186,044,416	Free	Core			
fe80::2000:0:0	83	35,184,372,088,832	Free	Core			
fe80::4000:0:0	82	70,368,744,177,664	Free	Core			
fe80::8000:0:0	81	140,737,488,355,328	Free	Core			
fe80::1:0:0:0	80	281,474,976,710,656	Free	Core			
fe80::2:0:0:0	79	562,949,953,421,312	Free	Core			

TABLE 2

FIG. 27

Network	ID	Parent	Address Type	Aggre- gate	Address Blocks	
- (4) Acme	1	0	IPv4	Y	192.168.120.144 /28 192.168.120.208 /28 192.168.120.224 /30 192.168.120.228 /30 192.168.120.232 /29 192.168.120.240 /28	Free Free Connection Free Free Delegated
(4) Accounting	3	1	IPv4	Y	192.168.120.128 /29 192.168.120.136 /29	Connection Free
(4) Engineering	4	1	IPv4	Y	192.168.120.64 /26	Connection
(4) LAB	5	4	IPv4	N	10.10.10.0 /24	Allocated
(4) Headquarters	2	1	IPv4	Y	192.168.120.0 /26	Connection
(4) Manufacturing	9	1	IPv4	Y		
(4) Assembly Line	10	9	IPv4	Y		
(4) Sales	6	1	IPv4	Y	192.168.120.160 /29 192.168.120.168 /31 192.168.120.170 /31 192.168.120.172 /30	Connection Connection Free Connection
(4) Sales East	7	6	IPv4	Y	192.168.120.176 /29 192.168.120.184 /29	Connection Free
(4) Sales West	8	6	IPv4	Y	192.168.120.192 /29 192.168.120.200 /29	Connection Free

TABLE 3

FIG. 28

+0.0	+1.0	+2.0	+3.0	+4.0	+5.0	+6.0	+7.0
+8.0	+9.0	+10.0	+11.0	+12.0	+13.0	+14.0	+15.0
+16.0	+17.0	+18.0	+19.0	+20.0	+21.0	+22.0	+23.0
+24.0	+25.0	+26.0	+27.0	+28.0	+29.0	+30.0	+31.0
+32.0	+33.0	+34.0	+35.0	+36.0	+37.0	+38.0	+39.0
+40.0	+41.0	+42.0	+43.0	+44.0	+45.0	+46.0	+47.0
+48.0	+49.0	+50.0	+51.0	+52.0	+53.0	+54.0	+55.0
+56.0	+57.0	+58.0	+59.0	+60.0	+61.0	+62.0	+63.0

**FIG. 29**

+0.0	+0	+0	+0	+1.0	+1	+1	+1	+2.0	+2	+2	+2	+3.0	+3	+3	+3
	.64	.128	.192		.64	.128	.192		.64	.128	.192		.64	.128	.192
+4.0	+4	+4	+4	+5.0	+5	+5	+5	+6.0	+6	+6	+6	+7.0	+7	+7	+7
	.64	.128	.192		.64	.128	.192		.64	.128	.192		.64	.128	.192
+8.0	+8	+8	+8	+9.0	+9	+9	+9	+10	+10	+10	+10	+11	+11	+11	+11
	.64	.128	.192		.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+12	+12	+12	+12	+13	+13	+13	+13	+14	+14	+14	+14	+15	+15	+15	+15
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+16	+16	+16	+16	+17	+17	+17	+17	+18	+18	+18	+18	+19	+19	+19	+19
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+20	+20	+20	+20	+21	+21	+21	+21	+22	+22	+22	+22	+23	+23	+23	+23
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+24	+24	+24	+24	+25	+25	+25	+25	+26	+26	+26	+26	+27	+27	+27	+27
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+28	+28	+28	+28	+29	+29	+29	+29	+30	+30	+30	+30	+31	+31	+31	+31
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+32	+32	+32	+32	+33	+33	+33	+33	+34	+34	+34	+34	+35	+35	+35	+35
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+36	+36	+36	+36	+37	+37	+37	+37	+38	+38	+38	+38	+39	+39	+39	+39
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+40	+40	+40	+40	+41	+41	+41	+41	+42	+42	+42	+42	+43	+43	+43	+43
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+44	+44	+44	+44	+45	+45	+45	+45	+46	+46	+46	+46	+47	+47	+47	+47
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+48	+48	+48	+48	+49	+49	+49	+49	+50	+50	+50	+50	+51	+51	+51	+51
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+52	+52	+52	+52	+53	+53	+53	+53	+54	+54	+54	+54	+55	+55	+55	+55
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+56	+56	+56	+56	+57	+57	+57	+57	+58	+58	+58	+58	+59	+59	+59	+59
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192
+60	+60	+60	+60	+61	+61	+61	+61	+62	+62	+62	+62	+63	+63	+63	+63
.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192	.0	.64	.128	.192

**FIG. 30**

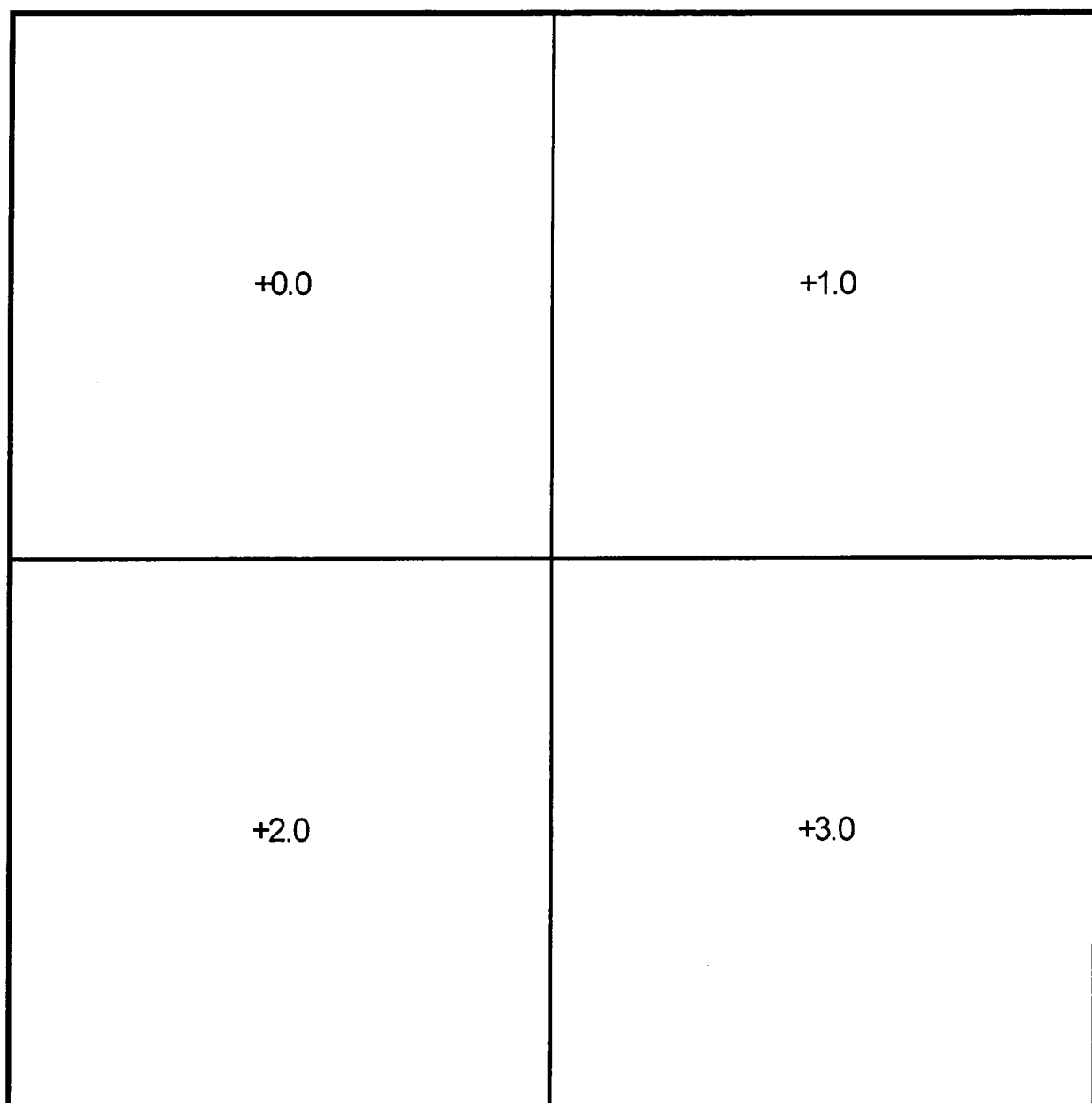
+0.0	+1.0	+2.0	+3.0
+4.0	+5.0	+6.0	+7.0
+8.0	+9.0	+10.0	+11.0
+12.0	+13.0	+14.0	+15.0

**FIG. 31**

+0.0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0	+0
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+1.0	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+2.0	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2	+2
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+3.0	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3	+3
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+4.0	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4	+4
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+5.0	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5	+5
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+6.0	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6	+6
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+7.0	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7	+7
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+8.0	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8	+8
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+9.0	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9	+9
	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11	+11
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12	+12
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13	+13
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14	+14
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240
+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15	+15
.0	.16	.32	.48	.64	.80	.96	.112	.128	.144	.160	.176	.192	.208	.224	.240

FIG. 32





**FIG. 33**

+0.0	+0.4	+0.8	+0.12	+0.16	+0.20	+0.24	+0.28	+0.32	+0.36	+0.40	+0.44	+0.48	+0.52	+0.56	+0.60
+0.64	+0.68	+0.72	+0.76	+0.80	+0.84	+0.88	+0.92	+0.96	+1.00	+1.04	+1.08	+1.12	+1.16	+1.20	+1.24
+0.128	+0.132	+0.136	+0.140	+0.144	+0.148	+0.152	+0.156	+0.160	+0.164	+0.168	+0.172	+0.176	+0.180	+0.184	+0.188
+0.192	+0.196	+0.200	+0.204	+0.208	+0.212	+0.216	+0.220	+0.224	+0.228	+0.232	+0.236	+0.240	+0.244	+0.248	+0.252
+1.0	+1.4	+1.8	+1.12	+1.16	+1.20	+1.24	+1.28	+1.32	+1.36	+1.40	+1.44	+1.48	+1.52	+1.56	+1.60
+1.64	+1.68	+1.72	+1.76	+1.80	+1.84	+1.88	+1.92	+1.96	+2.00	+2.04	+2.08	+2.12	+2.16	+2.20	+2.24
+1.128	+1.132	+1.136	+1.140	+1.144	+1.148	+1.152	+1.156	+1.160	+1.164	+1.168	+1.172	+1.176	+1.180	+1.184	+1.188
+1.192	+1.196	+1.200	+1.204	+1.208	+1.212	+1.216	+1.220	+1.224	+1.228	+1.232	+1.236	+1.240	+1.244	+1.248	+1.252
+2.0	+2.4	+2.8	+2.12	+2.16	+2.20	+2.24	+2.28	+2.32	+2.36	+2.40	+2.44	+2.48	+2.52	+2.56	+2.60
+2.64	+2.68	+2.72	+2.76	+2.80	+2.84	+2.88	+2.92	+2.96	+3.00	+3.04	+3.08	+3.12	+3.16	+3.20	+3.24
+2.128	+2.132	+2.136	+2.140	+2.144	+2.148	+2.152	+2.156	+2.160	+2.164	+2.168	+2.172	+2.176	+2.180	+2.184	+2.188
+2.192	+2.196	+2.200	+2.204	+2.208	+2.212	+2.216	+2.220	+2.224	+2.228	+2.232	+2.236	+2.240	+2.244	+2.248	+2.252
+3.0	+3.4	+3.8	+3.12	+3.16	+3.20	+3.24	+3.28	+3.32	+3.36	+3.40	+3.44	+3.48	+3.52	+3.56	+3.60
+3.64	+3.68	+3.72	+3.76	+3.80	+3.84	+3.88	+3.92	+3.96	+4.00	+4.04	+4.08	+4.12	+4.16	+4.20	+4.24
+3.128	+3.132	+3.136	+3.140	+3.144	+3.148	+3.152	+3.156	+3.160	+3.164	+3.168	+3.172	+3.176	+3.180	+3.184	+3.188
+3.192	+3.196	+3.200	+3.204	+3.208	+3.212	+3.216	+3.220	+3.224	+3.228	+3.232	+3.236	+3.240	+3.244	+3.248	+3.252

FIG. 34

